

**DISPLAY METHOD AND APPARATUS FOR NAVIGATION SYSTEM FOR
PERFORMING CLUSTER SEARCH OF OBJECTS**

Abstract of the Disclosure

5 A method and apparatus for a navigation system conducts a data search for finding relative density of objects such as points of interest in a specified area and displays the result of the search in various manners. The display method includes the steps of: defining a size and shape of a search
10 template; scanning the search template on the search area by displacing its position by a predetermined increment; counting and recording a number of objects on the search area within the search template at every increment of the displacement position, thereby creating an object
15 distribution matrix; applying a cluster search algorithm to the object distribution matrix, thereby detecting distribution of clusters of the objects; and displaying the clusters of the objects in the search area.

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